

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121523\
 Data File : VW033423.D
 Acq On : 16 Dec 2023 10:38
 Operator : SY/MD
 Sample : 05846-15DL 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 16 20:25:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 16 20:24:09 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

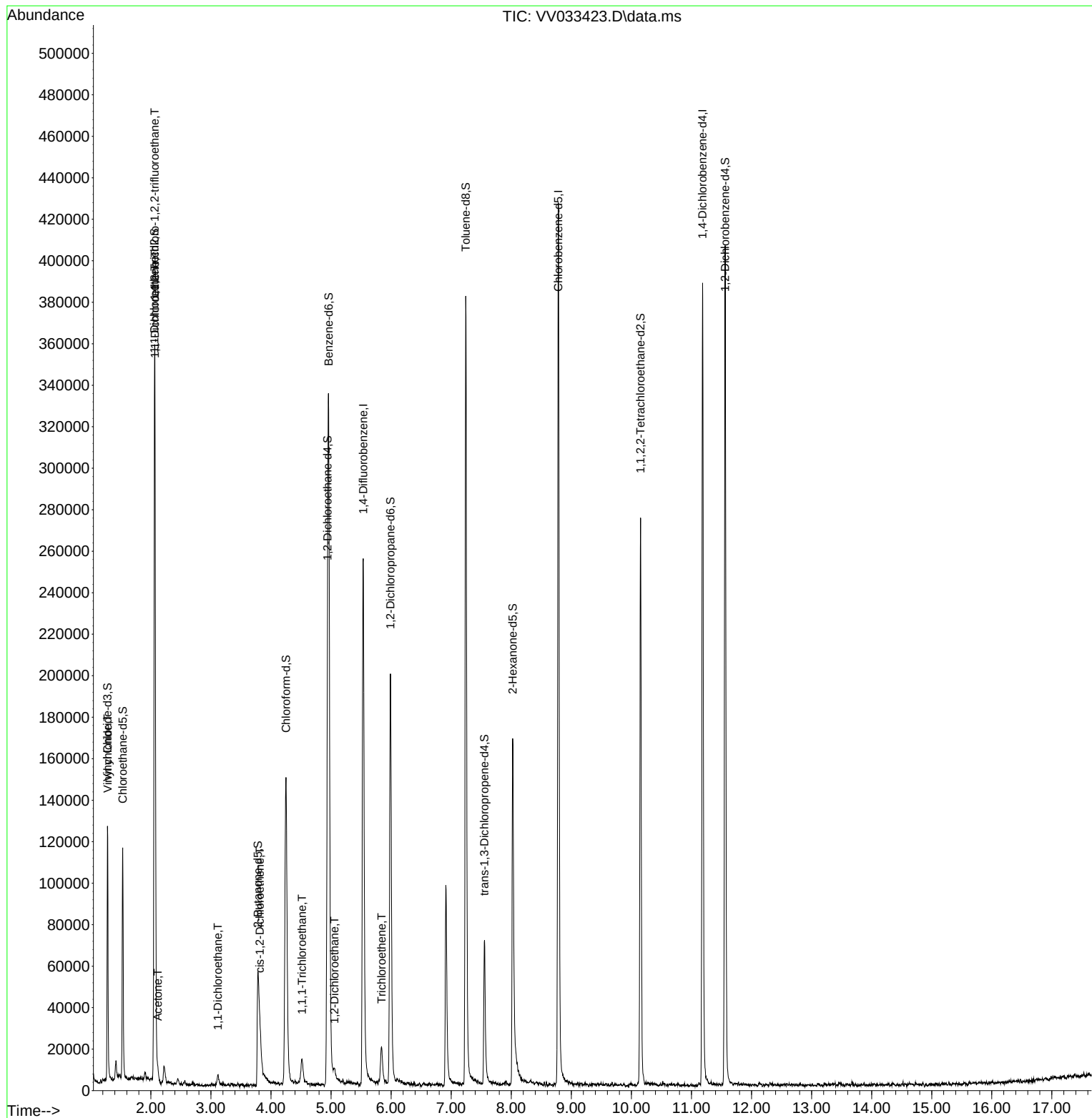
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	220304	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	234371	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	95092	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	76426	45.048	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.100%		
7) Chloroethane-d5	1.532	69	70782	46.491	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.980%		
11) 1,1-Dichloroethene-d2	2.060	65	37179	44.023	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.040%		
21) 2-Butanone-d5	3.783	46	82037	95.945	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.950%		
24) Chloroform-d	4.249	84	156405	46.606	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.220%		
26) 1,2-Dichloroethane-d4	4.941	65	103019	49.971	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.940%		
32) Benzene-d6	4.960	84	291681	46.208	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.420%		
36) 1,2-Dichloropropane-d6	5.989	67	92746	48.411	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.820%		
41) Toluene-d8	7.243	98	245067	42.429	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.860%		
43) trans-1,3-Dichloroprop...	7.555	79	40736	43.386	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.780%		
47) 2-Hexanone-d5	8.024	63	54386	84.401	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	84.400%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	123548	44.869	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.740%		
66) 1,2-Dichlorobenzene-d4	11.561	152	100155	56.049	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	112.100%		
Target Compounds						Qvalue
5) Vinyl chloride	1.282	62	2341	1.311	ug/L #	30
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	1856	1.016	ug/L #	25
12) 1,1-Dichloroethene	2.069	96	58570	37.727	ug/L	91
13) Acetone	2.114	43	4150	4.181	ug/L	80
19) 1,1-Dichloroethane	3.114	63	4838	1.720	ug/L	100
20) cis-1,2-Dichloroethene	3.815	96	4058	2.439	ug/L	84
27) 1,2-Dichloroethane	5.056	62	5042	2.067	ug/L #	93
30) 1,1,1-Trichloroethane	4.516	97	9960	3.442	ug/L	97
34) Trichloroethene	5.844	95	5305	3.095	ug/L	94

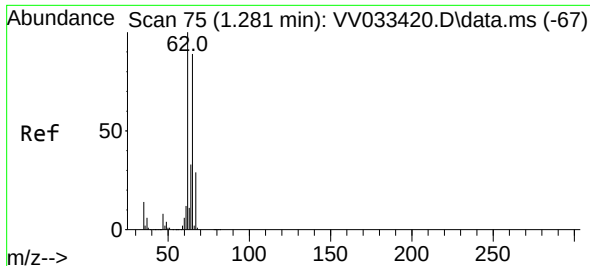
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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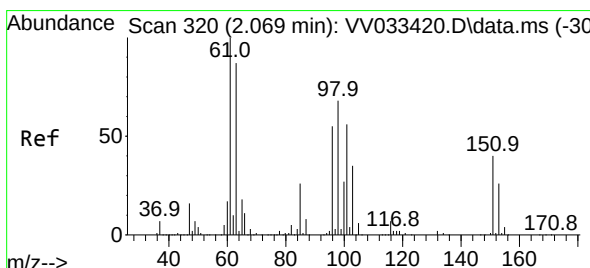
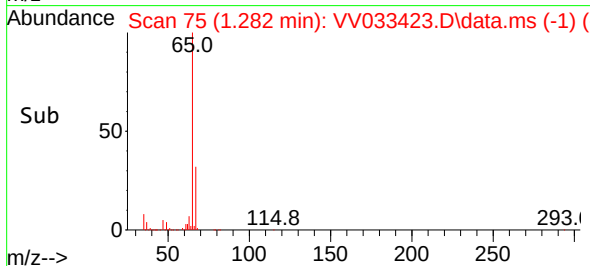
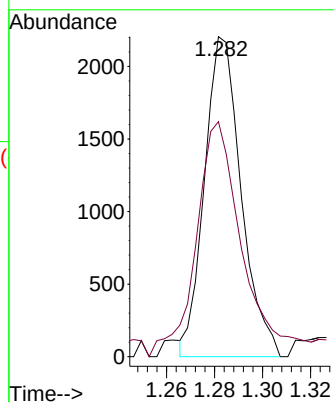
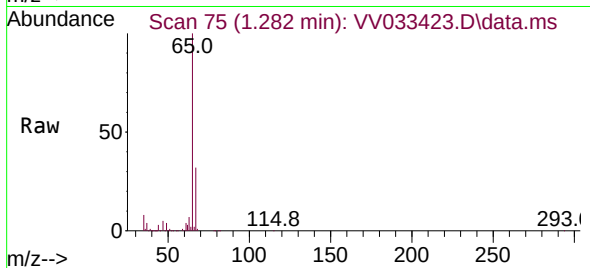




#5
 Vinyl chloride
 Concen: 1.311 ug/L
 RT: 1.282 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV033423.D
 Acq: 16 Dec 2023 10:38

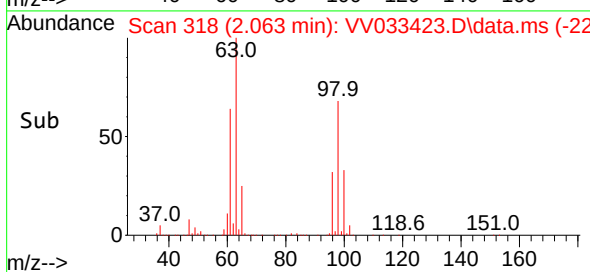
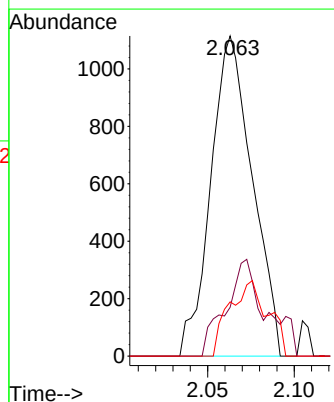
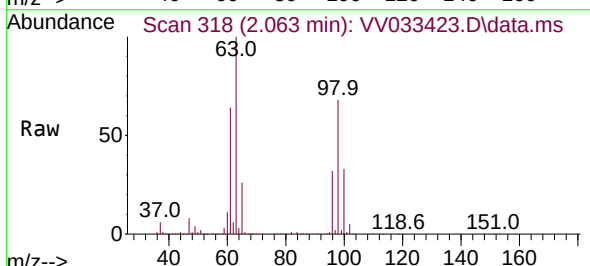
Instrument :
 MSVOA_V
 ClientSampleId :

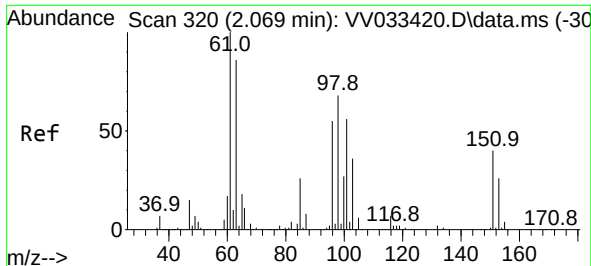
Tgt Ion: 62 Resp: 2341
 Ion Ratio Lower Upper
 62 100
 64 73.5 23.4 43.6#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.016 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.006 min
 Lab File: VV033423.D
 Acq: 16 Dec 2023 10:38

Tgt Ion: 101 Resp: 1856
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.6 54.8#
 151 6.7 57.0 85.6#





#12

1,1-Dichloroethene

Concen: 37.727 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV033423.D

Acq: 16 Dec 2023 10:38

Instrument :

MSVOA_V

ClientSampleId :

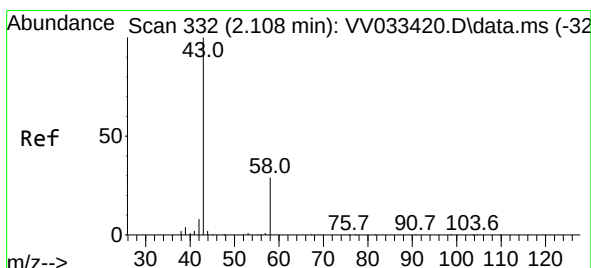
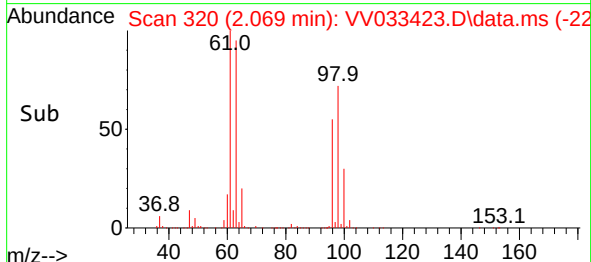
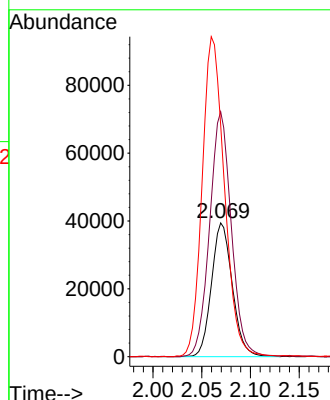
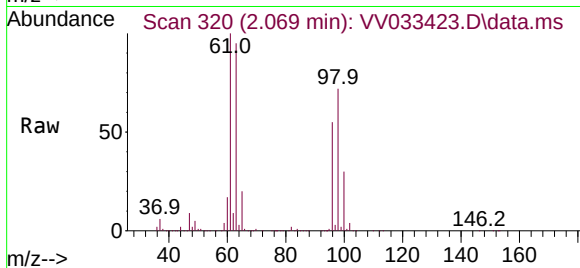
Tgt Ion: 96 Resp: 58570

Ion Ratio Lower Upper

96 100

61 183.1 124.3 230.8

63 173.3 108.1 200.7



#13

Acetone

Concen: 4.181 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.007 min

Lab File: VV033423.D

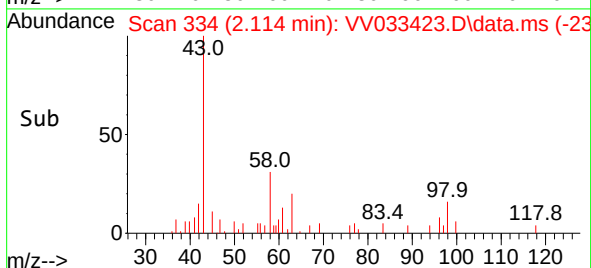
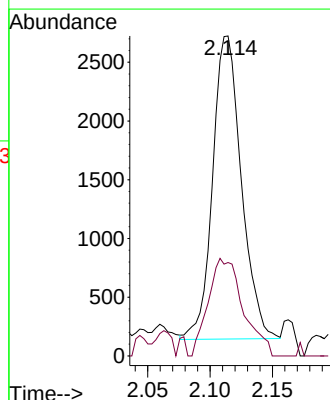
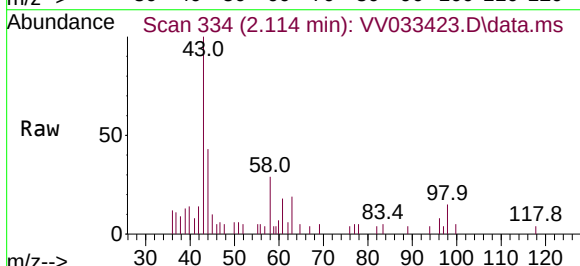
Acq: 16 Dec 2023 10:38

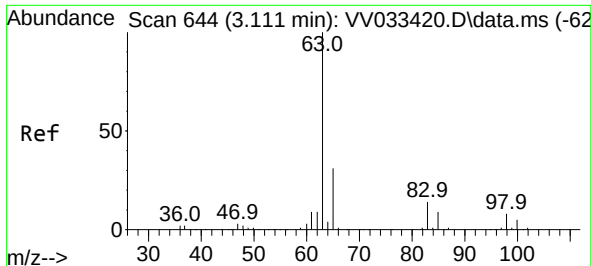
Tgt Ion: 43 Resp: 4150

Ion Ratio Lower Upper

43 100

58 19.1 0.0 59.2





#19

1,1-Dichloroethane

Concen: 1.720 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV033423.D

Acq: 16 Dec 2023 10:38

Instrument :

MSVOA_V

ClientSampleId :

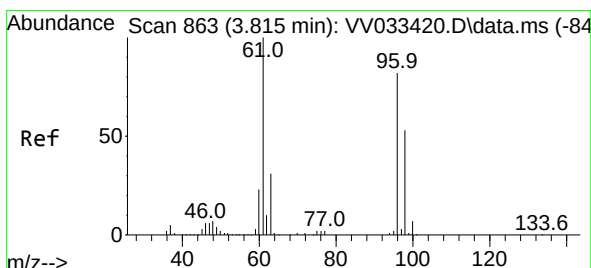
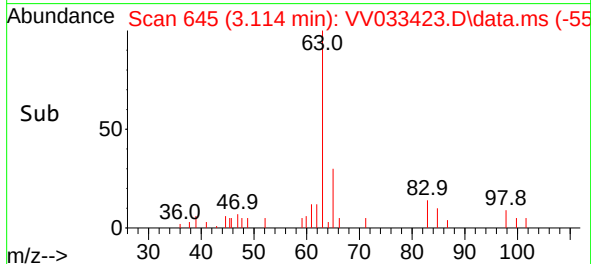
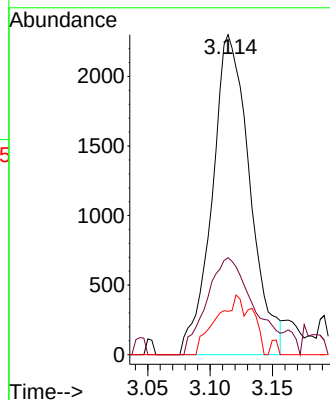
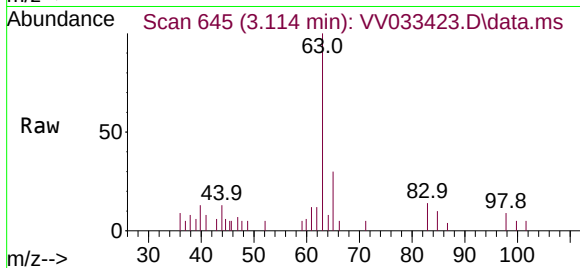
Tgt Ion: 63 Resp: 4838

Ion Ratio Lower Upper

63 100

65 30.3 21.1 39.3

83 13.6 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 2.439 ug/L

RT: 3.815 min Scan# 863

Delta R.T. 0.000 min

Lab File: VV033423.D

Acq: 16 Dec 2023 10:38

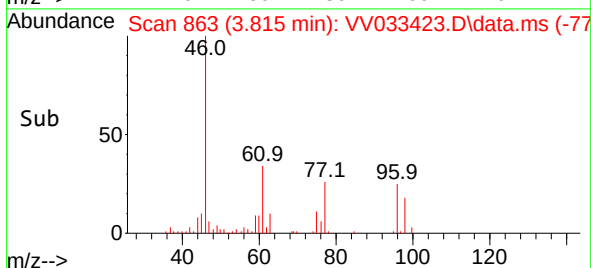
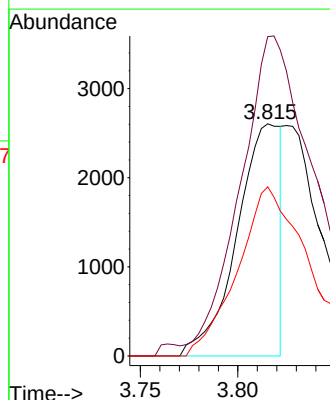
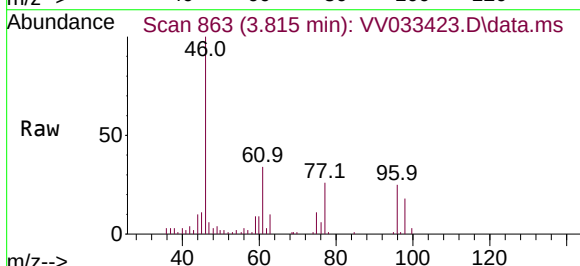
Tgt Ion: 96 Resp: 4058

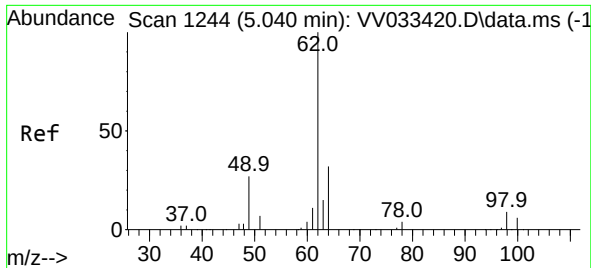
Ion Ratio Lower Upper

96 100

61 137.5 81.9 152.1

98 72.8 44.3 82.3

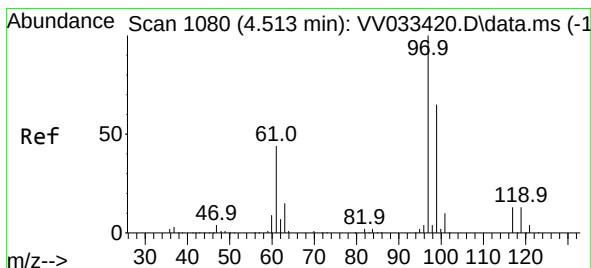
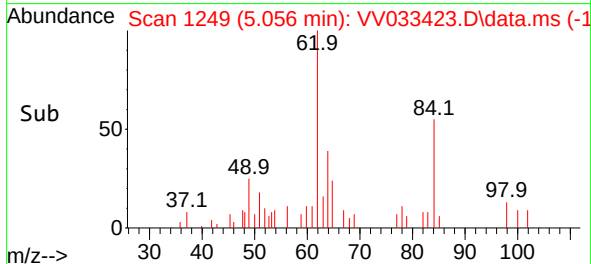
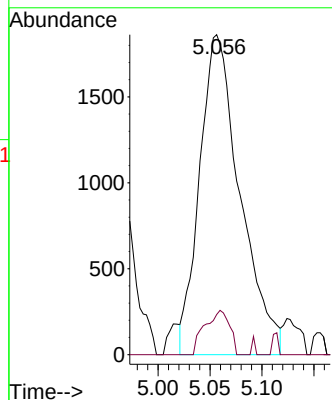
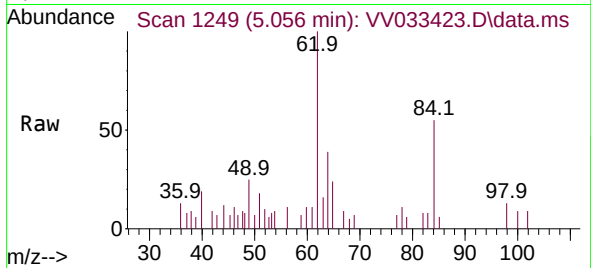




#27
1,2-Dichloroethane
Concen: 2.067 ug/L
RT: 5.056 min Scan# 11
Delta R.T. 0.016 min
Lab File: VV033423.D
Acq: 16 Dec 2023 10:38

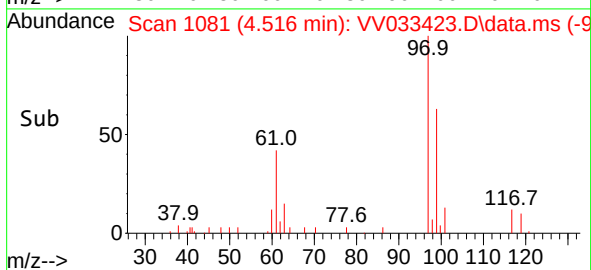
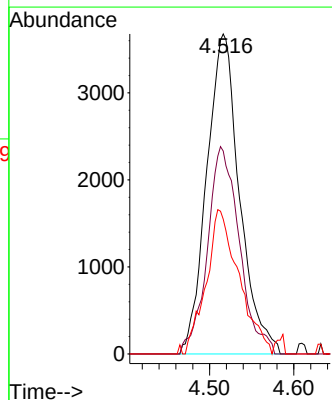
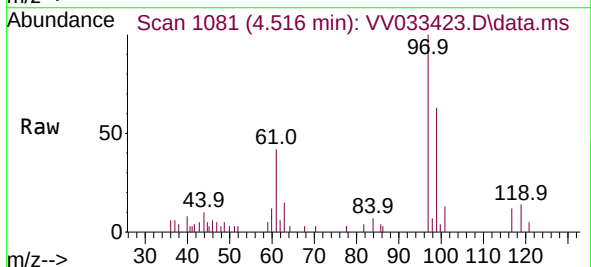
Instrument :
MSVOA_V
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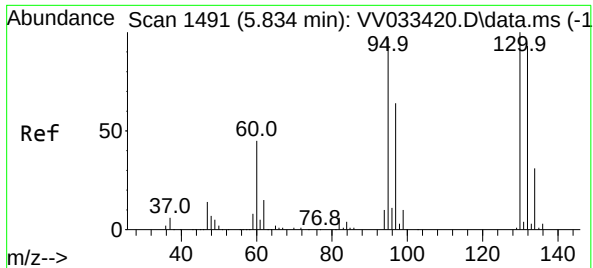
Tgt Ion: 62 Resp: 5042
Ion Ratio Lower Upper
62 100
98 12.6 8.0 12.0#



#30
1,1,1-Trichloroethane
Concen: 3.442 ug/L
RT: 4.516 min Scan# 1081
Delta R.T. 0.003 min
Lab File: VV033423.D
Acq: 16 Dec 2023 10:38

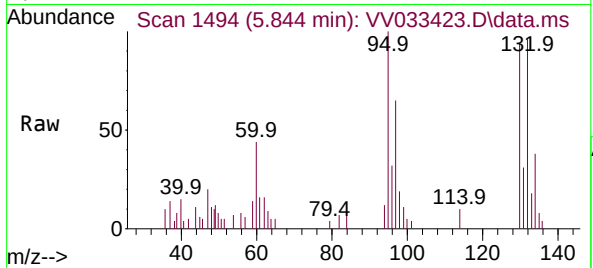
Tgt Ion: 97 Resp: 9960
Ion Ratio Lower Upper
97 100
99 61.6 51.8 77.6
61 44.9 34.8 52.2





#34
 Trichloroethene
 Concen: 3.095 ug/L
 RT: 5.844 min Scan# 1494
 Delta R.T. 0.010 min
 Lab File: VV033423.D
 Acq: 16 Dec 2023 10:38

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 95 Resp: 5305

Ion	Ratio	Lower	Upper
95	100		
97	65.3	44.8	83.2
132	96.3	69.9	129.7
130	94.3	73.3	136.1

